User manual

Dishwasher

MGV 6001

Contents

Safety information 2
Product description 3
Control panel 4
First use 5
Set the water softener 5
Use of dishwasher salt 6
Use of rinse aid 7
Daily use 8
Load cutlery and dishes 9
Use of detergent 11
Select and start a washing programme 12
Unloading the dishwasher 13
Washing programmes 13
Care and cleaning 14
What to do if… 15
Technical data 17
Hints for test institutes 17
Installation 18
Water connection 19
Electrical connection 21
Environment concerns 21

CE

Subject to change without notice

Safety information

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

Correct use

- This dishwasher is only intended for washing household utensils suitable for machine washing.
- Do not put any solvents in the dishwasher. This could cause an explosion.
- Knives and other items with sharp points must be loaded in the cutlery basket with their points down or placed in a horizontal position in the upper basket.
- Only use products (detergent, salt and rinse aid) suitable for dishwashers.
- Avoid opening the door whilst the appliance is in operation, hot steam may escape.
- Do not take any dishes out of the dishwasher before the end of the washing cycle.
- After use, isolate the appliance from the power supply and turn off the water supply.
- This product should be serviced only by an authorized service engineer, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons could cause injury or serious malfunctioning. Contact your local Service Force Centre. Always insist on genuine spare parts.

General safety

- Dishwasher detergents can cause chemical burns to eyes, mouth and throat. Could endanger life! Comply with the safety instructions of the dishwasher detergent manufacturer.
- The water in your dishwasher is not for drinking. Detergent residues may still be present in your machine.
- Ensure that the door of the dishwasher is always closed when it is not being loaded or unloaded. In this way you will avoid anybody tripping over the open door and hurting themselves.
- Do not sit or stand on the open door.

Child safety

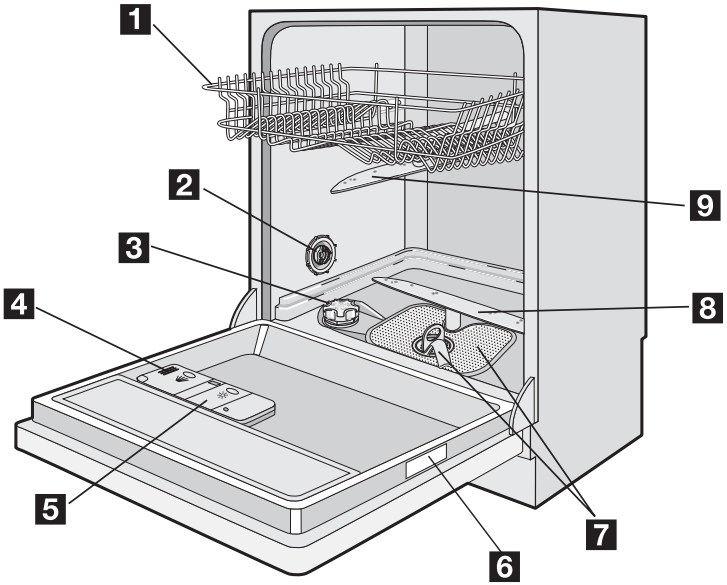
- This appliance is designed to be operated by adults. Do not allow children to use the dishwasher unsupervised.
- Keep all packaging well away from children. There is a risk of suffocation.
- Keep all detergents in a safe place out of children's reach.
- Keep children well away from the dishwasher when the door is open.

Installation

- Check your dishwasher for any transport damage. Never connect a damaged machine. If your dishwasher is damaged contact your supplier.
- All packaging must be removed before use.
- Any electrical and plumbing work required to install this appliance must be carried out by a qualified and competent person.
- For safety reasons it is dangerous to alter the specifications or attempt to modify this product in any way.
- Never use the dishwasher if the electrical supply cable and water hoses are damaged; or if the control panel, work top or plinth area are damaged such that the inside of the appliance is freely accessible. Contact your local Service Force centre, in order to avoid hazard.
- All sides of the dishwasher must never be drilled to prevent damage to hydraulic and electric components.

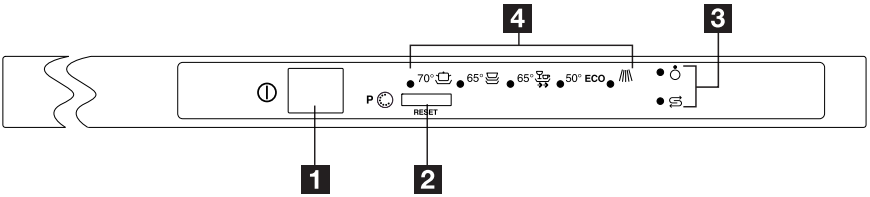
⚠ **Warning!** For electrical and water connection carefully follow the instructions given in the specific paragraphs.

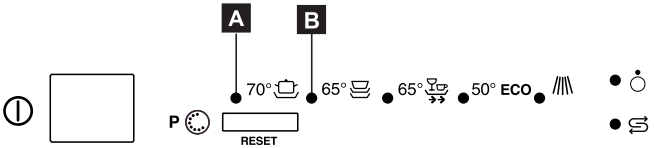
Product description



1. Upper basket
2. Water hardness dial
3. Salt container
4. Detergent dispenser
5. Rinse aid dispenser
6. Rating plate
7. Filters
8. Lower spray arm
9. Upper spray arm

Control panel





1 On/Off button
2 Programme selection / cancel button (**RESET**)
3 Indicator lights
4 Programme lights

Programme lights A and B
In addition to the selection of the corresponding washing programme; these lights will also guide you in the following operations:
– setting the water softener level,
– deactivating/activating the audible signals.

Indicator lights	
End	Comes on when a washing programme has ended. It also has added functions of visual signalling as: – the setting of the water softener level, – deactivation/activation of the audible signals, – intervention of an alarm due to malfunction of the machine.
Salt	Comes on when the special salt has run out.

Setting mode

Press the On/Off button; if ALL programme lights are off and the **End** indicator light is flashing, the appliance is in setting mode.

ⓘ Always remember that when performing the following operations:
– selecting a washing programme,
– setting the water softener level,
– deactivating/activating the audible signals,
the appliance **MUST** be in setting mode.

Press the On/Off button; if a programme light is on with a fixed light, the last performed or selected programme is still set. In this case, to return to setting mode the programme has to be cancelled.

To cancel a set programme or a programme in progress

Press and hold, for about 3 seconds, the programme selection/cancel button **(RESET)** until the **End** indicator light is flashing. The programme has been cancelled and the machine is now in setting mode.

Audible signals

Audible signals have been introduced to help indicate which operations the dishwasher is performing:
– end of the washing programme,
– intervention of an alarm due to malfunction of the machine.

ⓘ Factory setting: audible signals activated
It is possible to deactivate the audible signals.

Deactivation/activation of the audible signals

1. Press the On/Off button. The dishwasher must be in setting mode.
2. Press and keep pressed the programme selection/cancel button until programme light **A** flashes and programme light **B** comes on with a fixed light.
3. Press programme selection/cancel button again, programme light **A** comes on with a fixed light and programme light **B** starts flashing. Wait until programme light **A** goes off, programme light **B** goes on flashing and the **End** indicator light is on with a fixed light. This indicates that you have activated the function for deactivating/activating the audible signals. The fixed light of the **End** indicator light means that the audible signals are activated.
4. 4. To deactivate the audible signals, press the programme selection/cancel button again, the **End** indicator light goes off indicating that the audible signals are deactivated.
5. 5. To memorize the operation, switch off the dishwasher by pressing the On/Off button.

- To activate again the audible signals simply follow the above operations until the **End** indicator light comes on.

First use

Before using your dishwasher for the first time:

- Ensure that the electrical and water connections comply with the installation instructions
- Remove all packaging from inside the appliance
- Set the water softener level
- Pour 1 litre of water into the salt container and then fill with dishwasher salt
- Fill the rinse aid dispenser

If you want to use combi detergent tablets such as: "3 in 1", "4 in 1", "5 in 1" etc... follow the instructions given in "Use of detergent".

Set the water softener

The dishwasher is equipped with a water softener designed to remove minerals and salts from the water supply, which would have a detrimental or adverse effect on the operation of the appliance.
The higher the content of these minerals and salts, the harder your water is. Water hardness is measured in equivalent scales, German degrees (dH°), French degrees (°TH) and mmol/l (millimol per litre - international unit for the hardness of water).

The softener should be adjusted according to the hardness of the water in your area. Your local Water Authority can advise you on the hardness of the water in your area.

The water softener must be set in two ways: manually, using the water hardness dial and electronically.

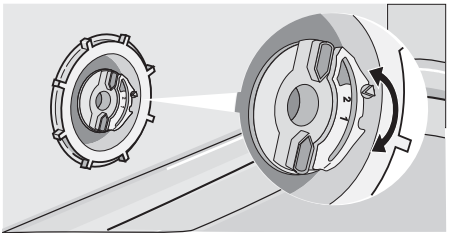
Water hardness			Adjusting the water hardness setting		Use of salt
°dH	°TH	mmol/l	manually	electronically	
51 - 70	91 - 125	9,1 - 12,5	2	level 10	yes
43 - 50	76 - 90	7,6 - 9,0	2	level 9	yes
37 - 42	65 - 75	6,5 - 7,5	2	level 8	yes
29 - 36	51 - 64	5,1 - 6,4	2	level 7	yes
23 - 28	40 - 50	4,0 - 5,0	2	level 6	yes
19 - 22	33 - 39	3,3 - 3,9	2	level 5	yes
15 - 18	26 - 32	2,6 - 3,2	1	level 4	yes
11 - 14	19 - 25	1,9 - 2,5	1	level 3	yes
4 - 10	7 - 18	0,7 - 1,8	1	level 2	yes

Water hardness			Adjusting the water hardness setting		Use of salt
°dH	°TH	mmol/l	manually	electronically	
< 4	< 7	< 0,7	1	level 1	no

Setting manually

The dishwasher is factory set at position 2.

1. Open the dishwasher door.
2. Remove the lower basket from the dishwasher.
3. Turn the water hardness dial to position 1 or 2 (see chart).
4. Replace the lower basket.



Setting electronically

The dishwasher is factory set at level 5.

1. Press the On/Off button. The dishwasher must be in setting mode.
2. Press and keep pressed the programme selection/cancel button until programme light **A** flashes and programme light **B** comes on with a fixed light. Wait until programme light **B** goes off, programme light **A** goes on flashing and simultaneously the **End** indicator light starts flashing. Wait until programme light **B** goes off, programme light **A** goes on flashing and simultaneously the **End** indicator light starts flashing. This indicates that you have activated the electronic setting function of the water softener. The current level is indicated by the number of flashes of the **End** indicator light and a pause of a few seconds.
   Examples:
   5 flashes, pause, 5 flashes, pause, etc... = level 5
   6 flashes, pause, 6 flashes, pause, etc... = level 6
3. To change the level, press the programme selection/cancel button. Each time the button is pressed the level changes. (For the selection of the new level see the chart).
   Examples:
   if the current level is 5, by pressing programme selection/cancel button once, level 6 is selected,
   if the current level is 10, by pressing programme selection/cancel button once, level 1 is selected.
4. To memorize the operation, switch off the dishwasher by pressing the On/Off button.

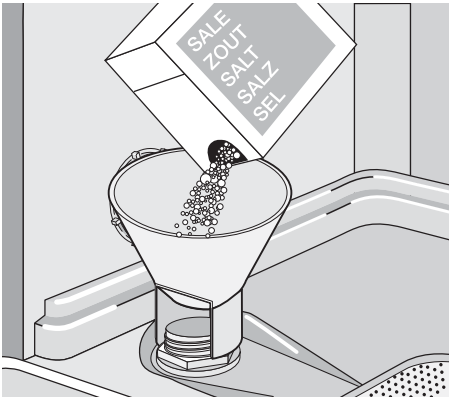
Use of dishwasher salt

Warning!

Only use salt specifically designed for use in dishwashers. All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener. Only fill with salt just before starting one of the complete washing programmes. This will prevent any grains of salt or salty water, which may have been spilt, remaining on the bottom of the machine for any period of time, which may cause corrosion.

To fill:

1. Open the door, remove the lower basket and unscrew the cap of the salt container by turning it anticlockwise.
2. Pour 1 litre of water into the container **(this is necessary only before filling with salt for the first time)** .
3. Using the funnel provided, pour in the salt until the container is full.



4. Replace the cap making sure that there is no trace of salt on the screw thread or on the gasket.

5. Replace the cap tightly turning it clockwise until it stops with a click.

Do not worry if water overflows from the unit when filling with salt, this is quite normal.

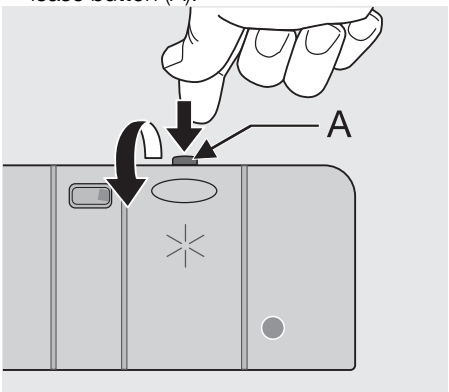
The salt indicator light on the control panel can remain illuminated for 2-6 hours after the salt has been replenished, assuming the dishwasher remains switched on. If you are using salt that takes longer to dissolve then this can take longer. The operation of the machine is not affected.

Use of rinse aid

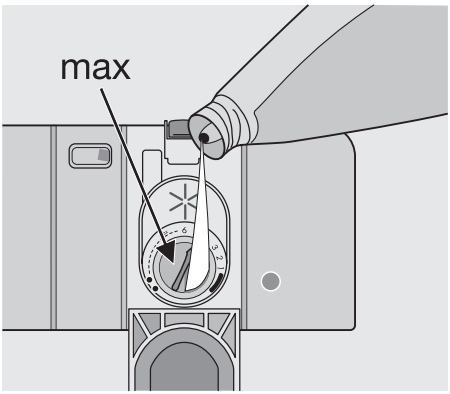
Warning! Only use branded rinse aid for dishwashers.
Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent). This would damage the appliance.

Rinse aid ensures thorough rinsing, and spot and streak free drying.
Rinse aid is automatically added during the last rinse.

1. Open the container by pressing the release button (A).



2. Add the rinse aid in the container. The maximum level for filling is indicated by "max".



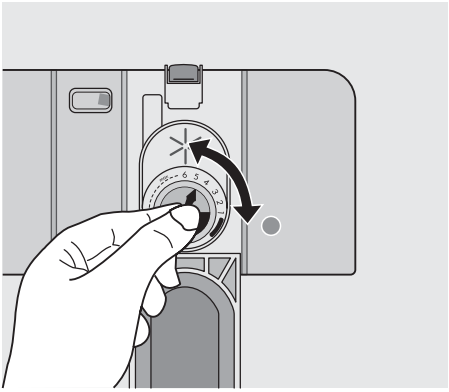
The dispenser holds about 110 ml of rinse aid, which is sufficient for between 16 and 40 washing cycles, depending upon the dosage setting.

3. Ensure that the lid is closed after every refill.

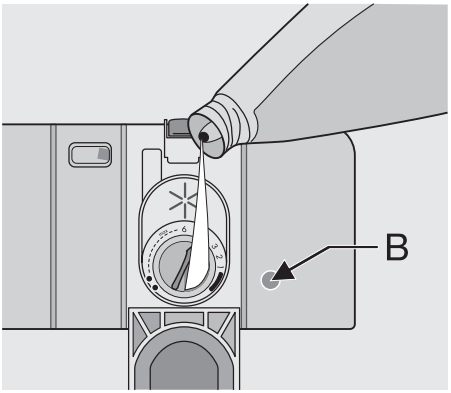
Clean up any rinse aid spilt during filling with an absorbent cloth to avoid excess foaming during the next wash.

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (position 1 minimum dosage, position 6 maximum dosage).
The dose is factory set in position 4.
Increase the dose if there are drops of water or lime spots on the dishes after washing.

Reduce it if there are sticky whitish streaks on the dishes or a bluish film on glassware or knife blades.



Top up the rinse aid when the indicator (B) becomes clear.



Daily use

- Check if it's necessary to refill with dishwasher salt or rinse aid.
- Load cutlery and dishes into the dishwasher.
- Fill with dishwasher detergent.
- Select a wash programme suitable for the cutlery and dishes.
- Start the wash programme.

Helpful hints and tips

Sponges, household cloths and any object that can absorb water may not be washed in the dishwasher.

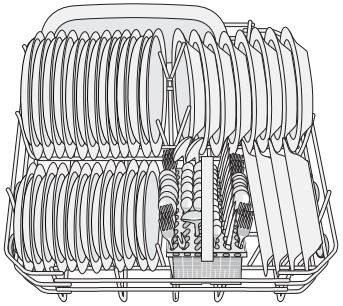
- Before loading the dishes, you should:
  - Remove all left over food and debris.
  - Soften remnants of burnt food in pans
- When loading the dishes and cutlery, please note:
  - Dishes and cutlery must not impede the rotation of the spray arms.
  - Load hollow items such as cups, glasses, pans, etc. with the opening downwards so that water cannot collect in the container or a deep base.
  - Dishes and items of cutlery must not lie inside one another, or cover each other.
  - To avoid damage to glasses, they must not touch.
  - Lay small objects in the cutlery basket.
- Plastic items and pans with non stick coatings have a tendency to retain water drops; these items will not dry as well as porcelain and steel items.
- Light items (plastic bowls etc.) must be loaded in the upper basket and arranged so they do not move.

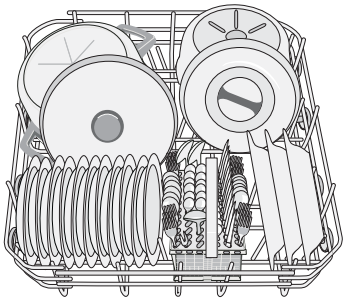
For washing in the dishwasher the following cutlery and dishes	
are not suitable:	**are of limited suitability:**
• Cutlery with wooden, horn, china or mother-of-pearls handles. • Plastic items that are not heat resistant. • Older cutlery with glued parts that are not temperature resistant. • Bonded cutlery items or dishes. • Pewter or copper items. • Lead crystal glass. • Steel items prone to rusting. • Wooden platters. • Items made from synthetics fibres.	• Only wash stoneware in the dishwasher if it is specially marked as being dishwasher-safe by the manufacturer. • Glazed patterns may fade if machine washed frequently. • Silver and aluminium parts have a tendency to discolour during washing: Residues, e.g. egg white, egg yolk and mustard often cause discolouring and staining on silver. Therefore always clean left-overs from silver immediately, if it is not to be washed straight after use.

Load cutlery and dishes

The lower basket

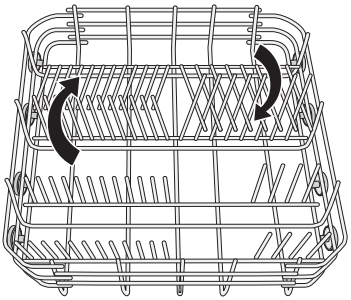
The lower basket is designed to take saucepan, lids, plates, salad bowls, cutlery etc.





The rows of prongs in the lower basket can lie flat to allow you to load pots, pans and bowls.

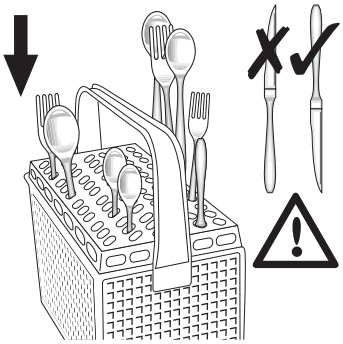
Service dishes and large lids should be arranged around the edge of the basket, ensuring that the spray arms can turn freely.



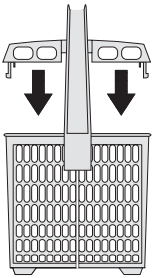
The cutlery basket

⚠ Long bladed knives stored in an upright position are a potential hazard. Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket. Take care when loading or unloading sharp items such as knives.

Forks and spoons should be placed in the removable cutlery basket with the handles facing downwards and the knives with their handles facing upwards.

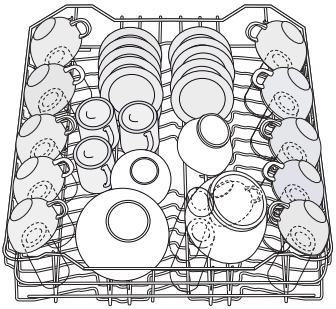


If the handles protrude from the bottom of the basket, obstructing the lower spray arm, load the cutlery with the handles facing upwards. Mix spoons with other cutlery to prevent them from sticking together.
For best results we recommend that you use the cutlery grid (if the size and dimensions of the cutlery allow it).

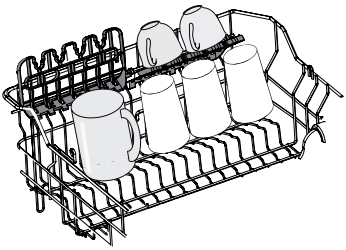


The upper basket

The upper basket is designed for saucers, salad bowls, cups, glasses, pots and lids. Arrange items on and underneath the cup racks so that water can reach all surfaces.



Glasses with long stems can be placed upside down in the cup racks.
For taller items, the cup racks can be folded upwards.



ⓘ Before closing the door, ensured that the spray arms can rotate freely.

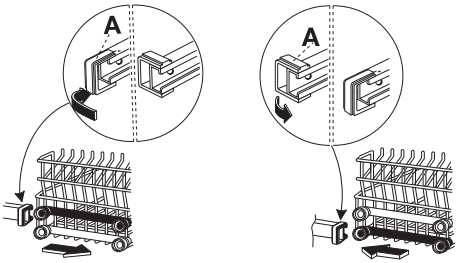
Adjusting the height of the upper basket

If washing very large plates you can load them in the lower basket after moving the upper basket to the higher position.

Maximum height of the dishes in the lower basket	
With upper basket raised	31 cm
With upper basket lowered	27 cm

To move to the higher position proceed as follows:

1. Move the front runner stops (A) of the upper basket outwards and slide the basket out.



2. Refit the basket in the higher position and replace the stops (A) in their original position.

When the basket is in the higher position you will not be able to use the cup racks.

After loading your machine always close the door, as an open door can be a hazard.

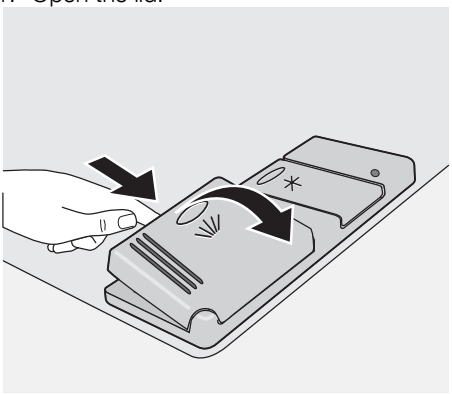
Use of detergent

Only use detergents specifically designed for use in dishwashers. Please observe the manufacturer's dosing and storage recommendations as stated on the detergent packaging.

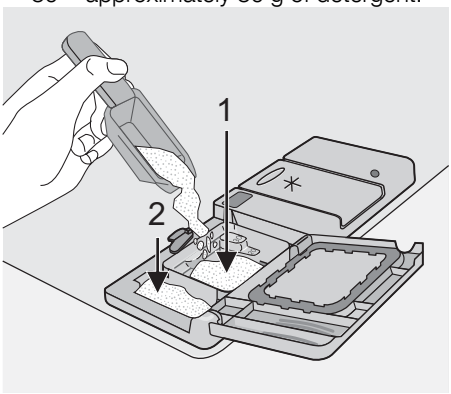
Using no more than the correct amount of detergent contributes to reducing pollution.

Fill with detergent

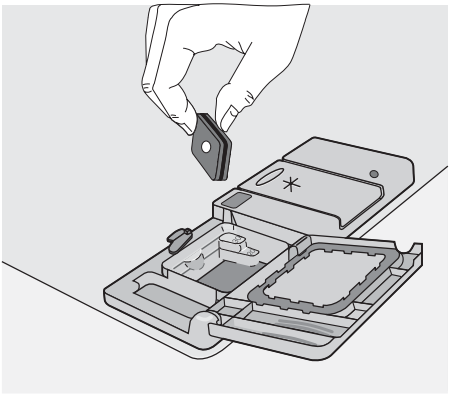
1. Open the lid.



2. Fill the detergent dispenser (1) with detergent. The marking indicates the dosing levels:
   20 = approximately 20 g of detergent
   30 = approximately 30 g of detergent.



3. All programmes with prewash need an additional detergent dose (5/10 g) that must be placed in the prewash detergent chamber (2).
   This detergent will be used during the prewash phase.
   When using detergent tablets; place the tablet in compartment (1)



4. Close the lid and press until it locks in place.

Detergent tablets from different manufacturers dissolve at different rates. For this reason, some detergent tablets do not attain their full cleaning power during short washing programmes. Therefore, please use long washing programmes when using detergent tablets, to ensure the complete removal of detergent residuals.

Use of combi detergent tablets

These products are detergents with a combined cleaning, rinsing and salt functions. They can also contain other different agents depending on which kind of tablets you choose ("3 in 1", "4 in 1", "5 in 1" etc...).

1. Check whether these detergents are suitable for your water hardness. See the manufacturers instructions.
   The refilling of the salt container and the rinse aid dispenser are no longer necessary.
2. Select the lowest setting for water hardness and rinse aid dosage.

If the drying results are not satisfactory we recommend that you:

1. Fill up the rinse aid dispenser with rinse aid.
2. Set the rinse aid dosage to position 2.

If you decide to turn back to the use of standard detergent system we advise that you:

1. Fill up the dispensers for salt and rinse aid again.
2. Adjust the water hardness setting to the highest setting and perform 1 normal washing programme without loading any dishes.
3. Adjust the water hardness setting according to the hardness of the water in your area.
4. Adjust the rinse aid dosage.

Select and start a washing programme

Select the washing programme with the door slightly opened. The start of the programme will occur only after the closure of the door. Until then it is possible to modify the settings.

1. Check that the baskets have been loaded correctly and that the spray arms are free to rotate.
2. Check that the water tap is opened.
3. Press the On/Off button. The dishwasher must be in setting mode.
4. Press the programme selection/cancel button until the light corresponding to the required washing programme comes on (see "Washing programmes" chart). Close the dishwasher door, the programme starts automatically.

Warning! Interrupt or cancel a washing programme in progress ONLY if it's absolutely necessary. Attention! Hot steam may escape when the door is opened. Open the door carefully.

Cancel a washing programme in progress

- Open the dishwasher door; press the programme selection/cancel button for about 3 seconds, until the light of the running programme goes off and the **End** indicator light flashes. The washing programme has been cancelled and the appliance is now in setting mode. .
- If a new washing programme is to be selected, check that there is detergent in the detergent dispenser.

Interrupt a washing programme in progress

Open the dishwasher door; the programme will stop. Close the door; the programme will start from the point at which it was interrupted.

End of the washing programme

- The dishwasher will automatically stop and an audible signal informs you of the end of the washing programme.
- Open the dishwasher door.
- The **End** of programme indicator light is on.
- The indicator light of the programme just ended remains on.

1. Switch off the dishwasher by pressing the On/Off button.
2. Leave the dishwasher door ajar and wait a few minutes before removing the dishes; in this way they will be cooler and the drying will be improved.

Unloading the dishwasher

- Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down before removing from the appliance.
- Empty the lower basket first and then the upper one; this will avoid water dripping from the upper basket onto the dishes in the lower one.
- Water may appear on the sides and the door of the dishwasher as the stainless steel will eventually become cooler than the dishes.

When the washing programme has finished, it is recommended that the dishwasher is unplugged and the water tap turned off.

Washing programmes

Programme	Degree of soil	Type of load	Programme description
70° Intensive	Heavy soil	Crockery, cutlery, pots and pans	Prewash Main wash up to 70°C 2 intermediate rinses Final rinse Drying
65° Normal	Normal soil	Crockery, cutlery, pots and pans	Prewash Main wash up to 65°C 2 intermediate rinses Final rinse Drying
65° Quick 1)	Normal or light soil	Crockery and cutlery	Main wash up to 65°C Final rinse
50° ECO 2)	Normal soil	Crockery and cutlery	Prewash Main wash up to 50°C 1 intermediate rinse Final rinse Drying
Prewash	Any	Partial load (to be completed later in the day).	1 cold rinse (to avoid food scraps from sticking) This programme does not require the use of detergent.

1) Ideal for washing a partially loaded dishwasher. This is the perfect daily programme, made to meet the needs of a family of **4 persons** who only wish to load breakfast and dinner crockery and cutlery.
2) Test programme for test institutes

Programme	Consumption values		
	Programme duration (in minutes)	Energy consumption (in kWh)	Water consumption (in litres)
70° Intensive	120 - 130	1,8 - 2,0	22 - 24
65° Normal	105 - 115	1,5 - 1,7	23 - 25
65° Quick	30	0,9	9
50° Eco [1)]	130 - 140	1,0 - 1,2	14 - 16
Prewash	12	0,1	5

1) Test programme for test institutes

The consumption values are intended as a guide and depends on the pressure and the temperature of the water and also by the variations of the power supply and the amount of dishes.

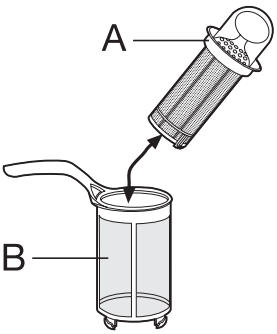
Care and cleaning

Cleaning the filters

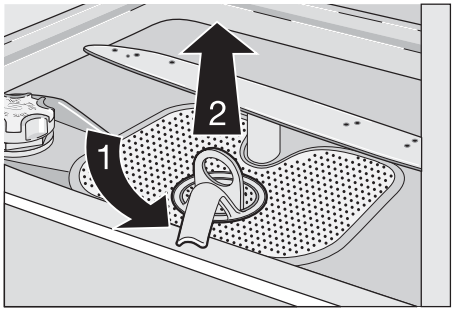
The filters must be checked and cleaned from time to time. Dirty filters will degrade the washing result.

Warning! Before cleaning the filters ensure that the machine is switched off.

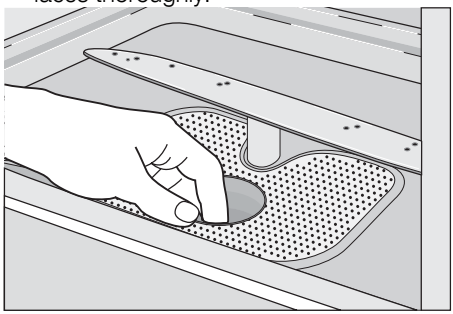
1. Open the door, remove the lower basket.
2. The dishwasher filter system comprises a coarse filter (**A**), a microfilter (**B**) and a flat filter. Unlock the filter system using the handle on the microfilter.



3. Turn the handle about 1/4 a turn anti-clockwise and remove the filter system



4. Take hold of the coarse filter (**A**) by the handle with the hole and remove from the microfilter (**B**).
5. Clean all filters thoroughly under running water.
6. Remove the flat filter from the base of the washing compartment and clean both faces thoroughly.



7. Put the flat filter back in the base of the washing compartment and ensure that it fits perfectly.

8. Place the coarse filter (**A**) in the microfilter (**B**) and press together.
9. Put the filter combination in place and lock by turning the handle clockwise to the stop. During this process ensure that the flat filter does not protrude above the base of the washing compartment.

NEVER use the dishwasher without filters. Incorrect repositioning and fitting of the filters will produce poor washing results and will result in damage to the appliance

NEVER try to remove the spray arms.
If residues of soil have clogged the holes in the spray arms, remove the debris with a cocktail stick.

External cleaning

Clean the external surfaces of the machine and control panel with a damp soft cloth. If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc...).

Internal cleaning

Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth.
We recommend every 3 months you run the wash programme for heavy soiled dishes using detergent but without dishes.

Prolonged periods of non-operation

If you are not using the machine for a prolonged period of time you are advised to:
1. Unplug the appliance and then turn off the water.
2. Leave the door ajar to prevent the formation of any unpleasant smells.
3. Leave the inside of the machine clean.

Frost precautions

Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable, empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine

If you have to move the machine (moving house etc...):
1. Unplug it.
2. Turn the water tap off.
3. Remove the water inlet and discharge hoses.
4. Pull the machine out together with the hoses.

Avoid over tilting the machine during transportation.

What to do if…

The dishwasher will not start or stops during operation.
Certain problems can be due to the lack of simple maintenance or oversights, which can be solved with the help of the hints described in the chart, without calling out an engineer. Switch off the dishwasher and carry out the following suggested corrective actions.

Fault codes and malfunction	Possible cause and solution
• continuous flashing of the light of the running programme • intermittent audible signal • 1 flash of the **End** indicator light **The dishwasher does not fill with water**	• The water tap is blocked or furred with limescale. Clean the water tap. • The water tap is turned off. Turn the water tap on. • The filter (where present) in the threaded inlet hose is blocked. Clean the filter. • The water inlet hose has not been correctly laid or it is kinked or squashed. Check the water inlet hose connection.

Fault codes and malfunction	Possible cause and solution
• continuous flashing of the light of the running programme • intermittent audible signal • 2 flashes of the **End** indicator light **The dishwasher will not drain**	• The sink spigot is blocked. Clean out the sink spigot. • The water drain hose has not been correctly laid or it is kinked or squashed. Check the water drain hose connection.
• continuous flashing of the light of the running programme • intermittent audible signal • 3 flashes of the **End** indicator light **Anti-flood device is activated**	• Close the water tap and contact your local Service Force Centre.

Malfunction	Possible cause and solution
The programme does not start	• The dishwasher door has not been properly closed. Close the door. • The main plug is not plugged in. Insert the main plug • The fuse has blown out in the household fuse box. Replace the fuse.

Once these checks have been carried out switch on the appliance.
The programme will continue from the point at which it was interrupted.
If the malfunction or fault code reappears contact your local Service Force Centre.
For other fault codes not described in the above chart, please contact your local Service Force Centre.
Contact your local Service Force Centre, quoting the model (Mod.), product number (PNC) and serial number (S.N.).

This information can be found on the rating plate located on the side of the dishwasher door.
So that you always have these numbers at hand, we recommend you to make a note of them here:
Mod. : . . . . . .
PNC : . . . . . .
S.N. : . . . . . .

The wash results are not satisfactory	
The dishes are not clean	• The wrong programme has been selected. • The dishes are arranged in such a way as to stop water reaching all parts of a surface. The baskets must not be overloaded. • The spray arms do not rotate freely due to incorrect arrangement of the load. • The filters in the base of the washing compartment are dirty or incorrectly positioned. • Too little or no detergent has been used. • Where there are limescales deposits on the dishes; the salt container is empty or incorrect level of the water softener has been set. • The drain hose connection is not correct. • The salt container cap is not properly closed.
The dishes are wet and dull	• Rinse aid was not used. • The rinse aid dispenser is empty.
There are streaks, milky spots or a bluish coating on glasses and dishes	• Decrease rinse aid dosage.
Water drops have dried onto glasses and dishes	• Increase rinse aid dosage. • The detergent may be the cause. Contact the detergent manufacturer consumer care line.

If after all these checks, the problem persists, contact your local Service Force Centre.

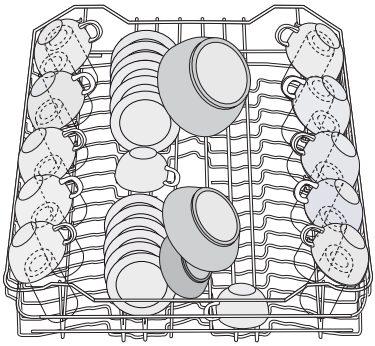
Technical data

Dimensions	Width Height Depth	59,6 cm 81,8 - 89,8 cm 55,5 cm
Electrical connection - Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate on the inner edge of the dishwasher door.	
Water supply pressure	Minimum Maximum	0,05 MPa (0,5 bar) 0,8 MPa (8 bar)
Capacity		12 place settings
Weight		37 kg

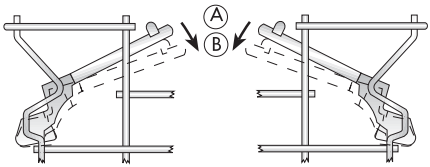
Hints for test institutes

Testing in accordance with **EN 60704** must be carried out with appliance fully loaded and using the test programme (see "Consumption values").
Test in accordance with **EN 50242** must be carried out when the salt container and rinse aid dispenser have been filled with salt and rinse aid respectively and using the test programme (see "Consumption values").

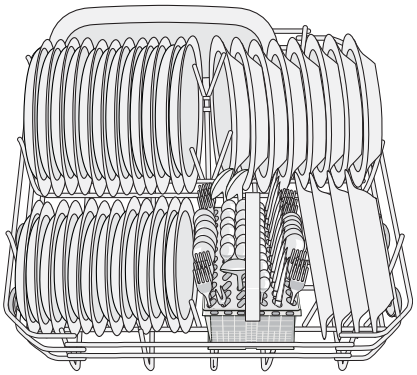
Full load: 12 standard place settings	
Amount of detergent required:	5 g + 25 g (Type B)
Rinse aid setting	position 4 (Type III)



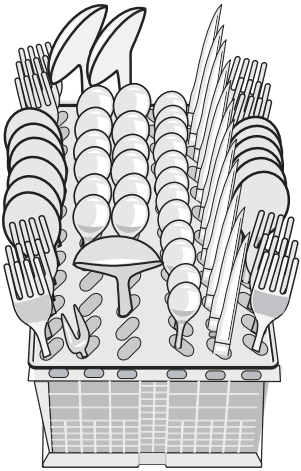
Arrangement upper basket



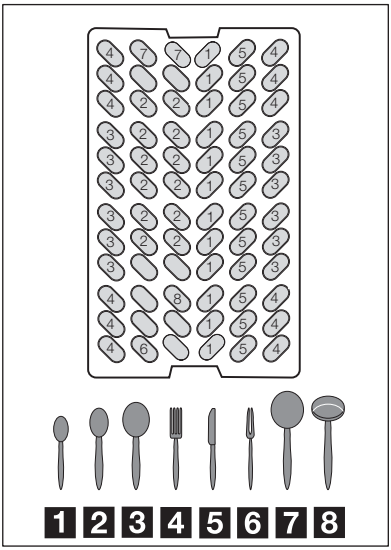
Cup racks: position A



Arrangement lower basket



Arrangement cutlery basket



Installation

⚠ **Warning! Any electrical and/or plumbing work required to install this appliance should be carried out by a qualified electrician and/or plumber or competent person.**

Remove all packaging before positioning the machine.
If possible, position the machine next to a water tap and a drain.
This dishwasher is designed to be fitted under a kitchen counter or work surface.
Attention! Carefully follow the instructions on the enclosed template for building in the dishwasher and fitting the furniture panel.

No further openings for the venting of the dishwasher are required, but only to let the water fill and drain hose and power supply cable pass through.
The dishwasher incorporates adjustable feet to allow the adjustment of the height.
During all operations that involve accessibility to internal components the dishwasher has to be unplugged.
When inserting the machine, ensure that the water inlet hose, the drain hose and the supply cable are not kinked or squashed.

Fixing to the adjacent units

The dishwasher must be secured against tilting.
Therefore make sure that the counter it is fixed under, is suitably secured to a fixed structure (adjacent kitchen units cabinets, wall).

Levelling

Good levelling is essential for correct closure and sealing of the door.

When the appliance is correctly levelled, the door will not catch on either side of the cabinet .
If the door does not close correctly, loosen or tighten the adjustable feet until the machine is perfectly level.

Water connection

Water supply connection

This dishwasher may be fed with either hot (max. 60°) or cold water. Nevertheless we advise you use a cold water supply.
A hot water supply is not always efficient with heavily soiled crockery as it shortens the washing programmes a lot.
For making the connection itself, the coupling nut fitted to the machine's supply hose is designed to screw onto a 3/4" gas thread spout or to a purpose made quick-coupling tap such as the Press-block.
The water pressure must be within the limits given in the "Technical data". Your local Water Authority will advise you on the average mains pressure in your area.
The water inlet hose must not be kinked, crushed, or entangled when it is being connected.
The dishwasher features fill and drain hoses which can be turned either to the left or the right to suit the installation by means of the locknut. **The locknut must be correctly fitted to avoid water leaks.**

Attention! NOT all models of dishwashers have fill and drain hoses provided with a locknut. In this case, this facility is not available.

If the machine is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose.
DO NOT use connection hoses which have previously been used on an old appliance.

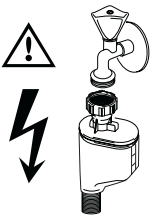
This appliance has been fitted with safety features which will prevent the water used in the appliance from returning back into the drinking water system. This appliance complies with the applicable plumbing regulations.

Water inlet hose with safety valve

After connecting the double-walled water inlet hose, the safety valve is next to the tap. Therefore the water inlet hose is only under pressure while the water is running. If the water inlet hose starts to leak during this operation, the safety valve cuts off the running water.
Please take care when installing the water inlet hose:

- The electrical cable for the safety valve is in the double-walled water inlet hose. Do not immerse the water inlet hose or the safety valve in water.
- If water inlet hose or the safety valve is damaged, remove the mains plug immediately.
- A water inlet hose with safety valve must only be replaced by the Service Force Centre.

Warning! Dangerous voltage

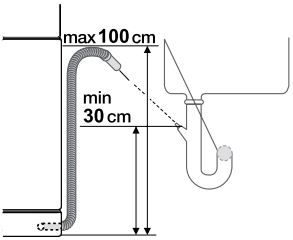


Water outlet hose connection

The end of the drain hose can be connected in the following ways:

1. To the sink outlet spigot, securing it to the underside of the work surface. This will prevent waste water from the sink running into the machine.
2. To a stand pipe provided with venthole, minimum internal diameter 4 cm.

The waste connection must be at a height of between 30 cm (minimum) and 100 cm (maximum) from the bottom of the dishwasher.



The drain hose can face either to the right or left of the dishwasher

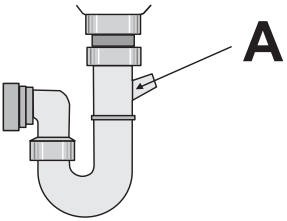
Ensure the hose is not bent or squashed as this could prevent or slow down the discharge of water.

The sink plug must not be in place when the machine is draining as this could cause the water to syphon back into the machine.

If you use a drain hose extension it must be no longer than 2 metres and its internal diameter must be no smaller than the diameter of the hose provided.

Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided.

When connecting the drain hose to an under sink trap spigot, **the entire plastic membrane (A) must be removed.** Failure to remove all the membrane will result in food particles building up over time eventually blocking the dishwasher drain hose spigot



Our appliances are supplied with a security device to protect against the return of dirty water back into the machine. If the spigot of your sink has a "no return valve" incorporated this can prevent the correct draining of your dishwasher. We therefore advise you to remove it.

To avoid water leakage after installation make sure that the water couplings are tight.

Electrical connection

⚠ **Warning! Safety standards require the appliance to be earthed.**
Prior to using the appliance for the first time, ensure that the rated voltage and type of supply on the rating plate match that of the supply where the appliance is to be installed. The fuse rating is also to be found on the rating plate
Always plug the mains plug into a correctly installed shockproof socket.
Multi-way plugs, connectors and extension cables must not be used. This could constitute a fire hazard through overheating.
If necessary, have the domestic wiring system socket replaced. In case that the electrical cable has to be replaced, contact your local Service Force centre.
The plug must be accessible after the appliance has been installed.
Never unplug the appliance by pulling on the cable. Always pull the plug.
The manufacturer accepts no liability for failure to observe the above safety precautions.

Environment concerns

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

Packaging material

The packaging materials are environmentally friendly and can be recycled. The plastic components are identified by markings, e.g. >PE<, >PS<, etc. Please dispose of the packaging materials in the appropriate container at the community waste disposal facilities.

⚠ **Warning!** When a unit is no longer being used:

- Pull the plug out of the socket.
- Cut off the cable and plug and dispose of them.
- Dispose of the door catch. This prevents children from trapping themselves inside and endangering their lives.